

FIG. 1

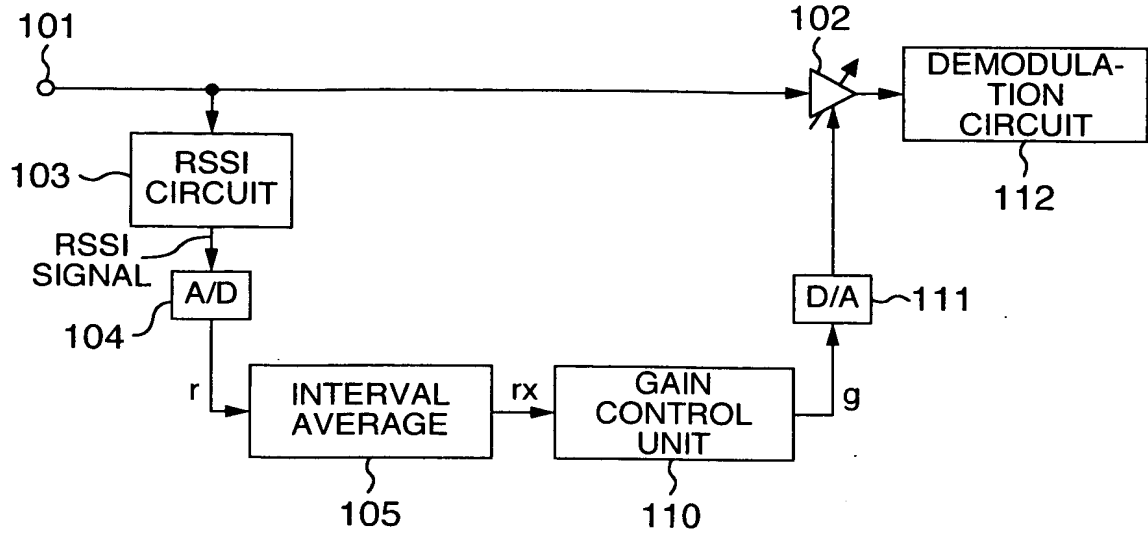


FIG. 2

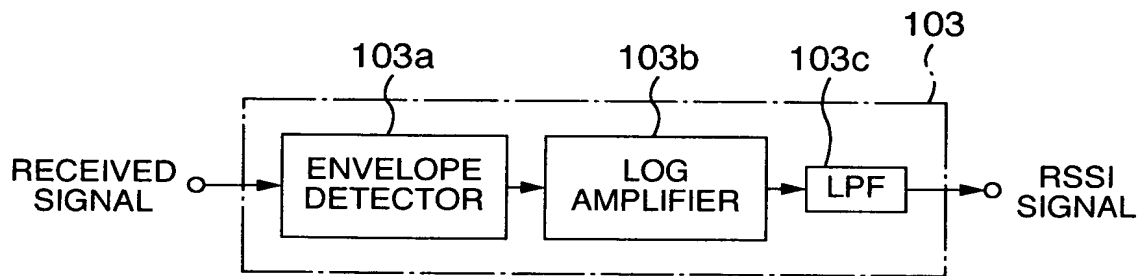
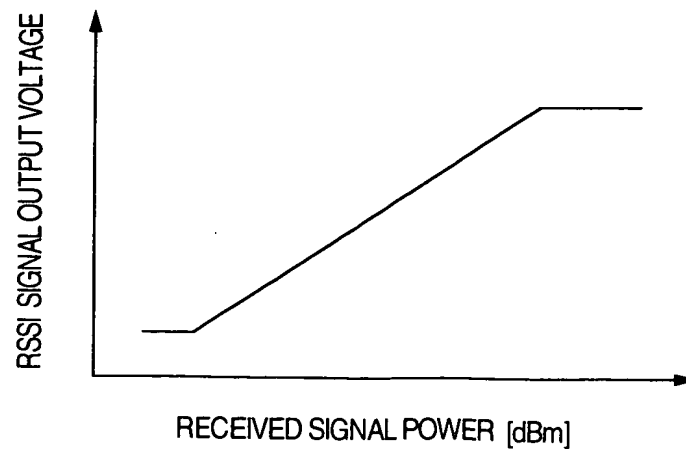


FIG. 3



# FIG. 4

LP+R	Pb	RI	SW	Pb	PI	G
40	88	56	32	56	104	8

LP+R: LINEARIZER PREAMBLE LINE-UP  
 Pb: PREAMBLE  
 RI: COMMUNICATION INFORMATION CHANNEL  
 SW: SYNC WORD  
 PI: PARAMETER INFORMATION CHANNEL  
 G: GUARD TIME

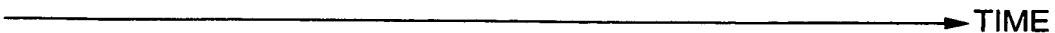
# FIG. 5

LP+R	Pb	Tch	RI	SW	UD	Tch
40	2	96	56	32	20	160

LP+R: LINEARIZER PREAMBLE LINE-UP  
 Pb: PREAMBLE  
 Tch: COMMUNICATION CHANNEL  
 RI: COMMUNICATION INFORMATION CHANNEL  
 SW: SYNC WORD  
 UD: UNDEFINED PORTION

# FIG. 6

$SB_0$	$SB_1$	$TCH_0$	$TCH_1$	$TCH_2$	...	$TCH_N$
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 TIME

$SB_0, SB_1$  : SYNC BURST  
 $TCH_N$  : TRAFFIC CHANNEL FRAME

FIG. 7A

RECEIVED SIGNAL

FIG. 7B

RSSI SIGNAL  $r$

FIG. 7C

INTERVAL AVERAGE  $\alpha$  OF  $r$

FIG. 7D

CONTROL SIGNAL  $g$

FIG. 7E

INPUT SIGNAL OF  
DEMODULATION  
CIRCUIT 112

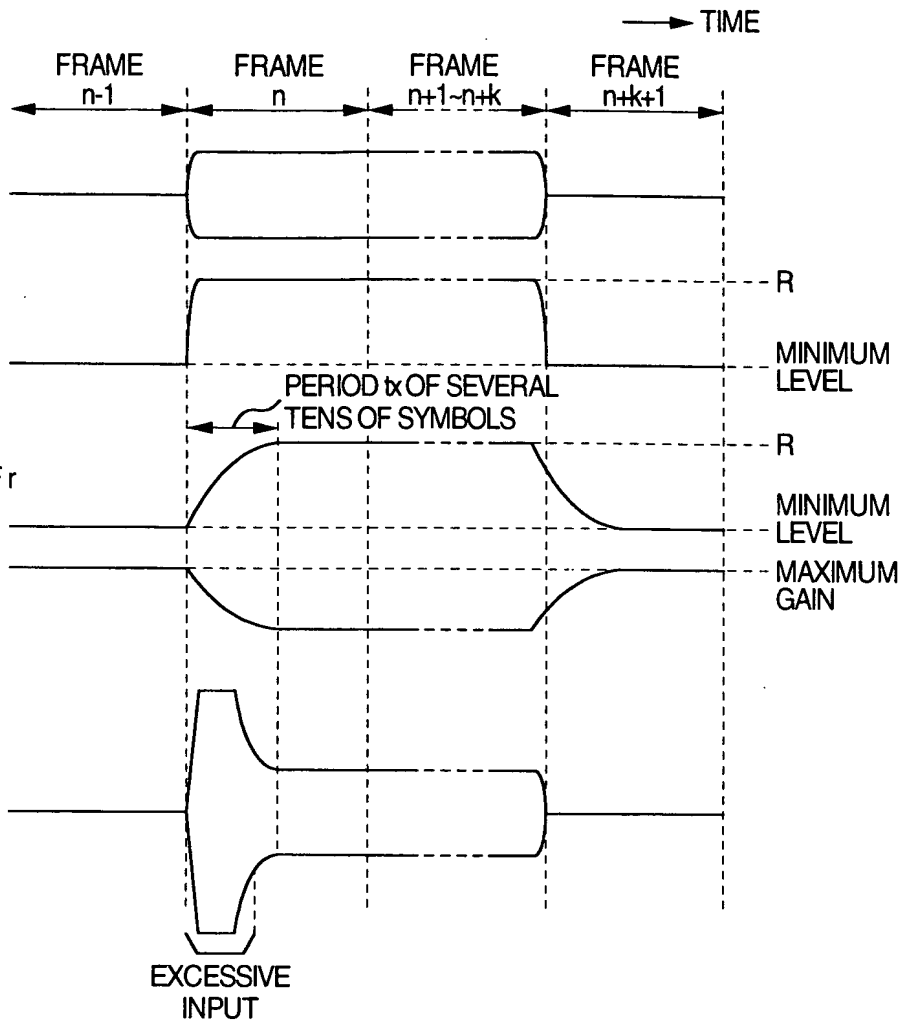


FIG. 8A

FRAME  $n$

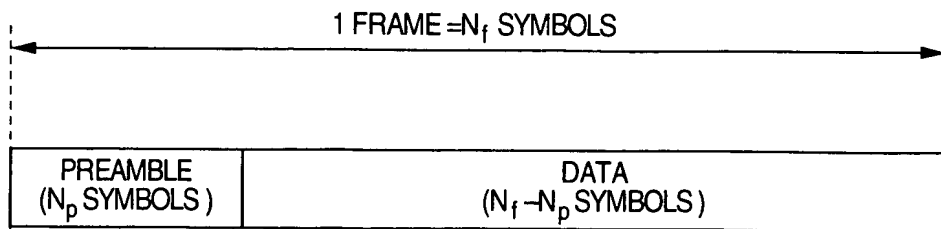


FIG. 8B

FRAMES  $n+1$  TO  $n+k$



FIG. 9

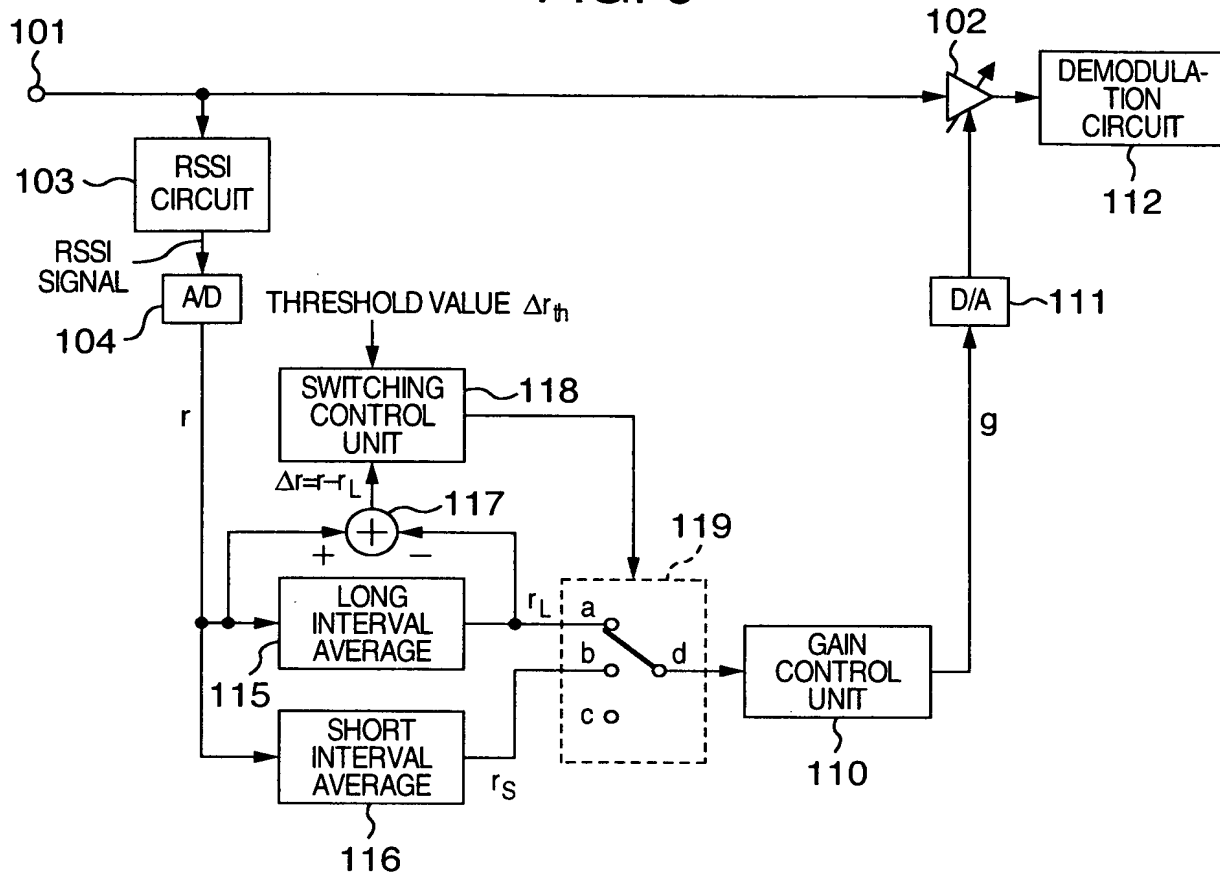


FIG. 10

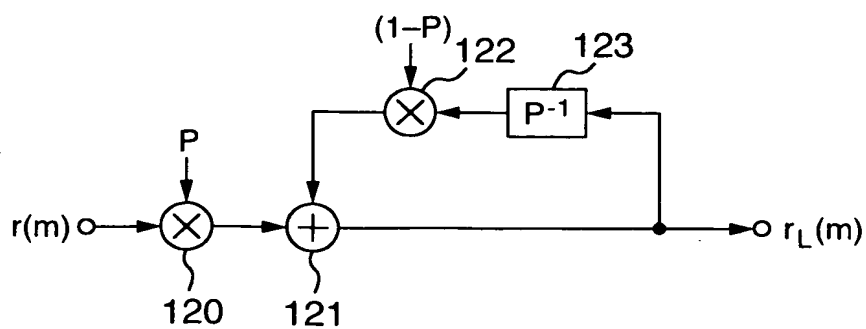


FIG. 11A

RECEIVED SIGNAL

FIG. 11B

RSSI SIGNAL  $r$

FIG. 11C

LONG INTERVAL  
AVERAGE  $r_L$  OF  $r$

FIG. 11D

SHORT INTERVAL  
AVERAGE  $r_S$  OF  $r$

FIG. 11E

$\Delta r = r_L$

FIG. 11F

CONTROL SIGNAL  $g$

FIG. 11G

INPUT SIGNAL OF  
DEMODULATION  
CIRCUIT 112

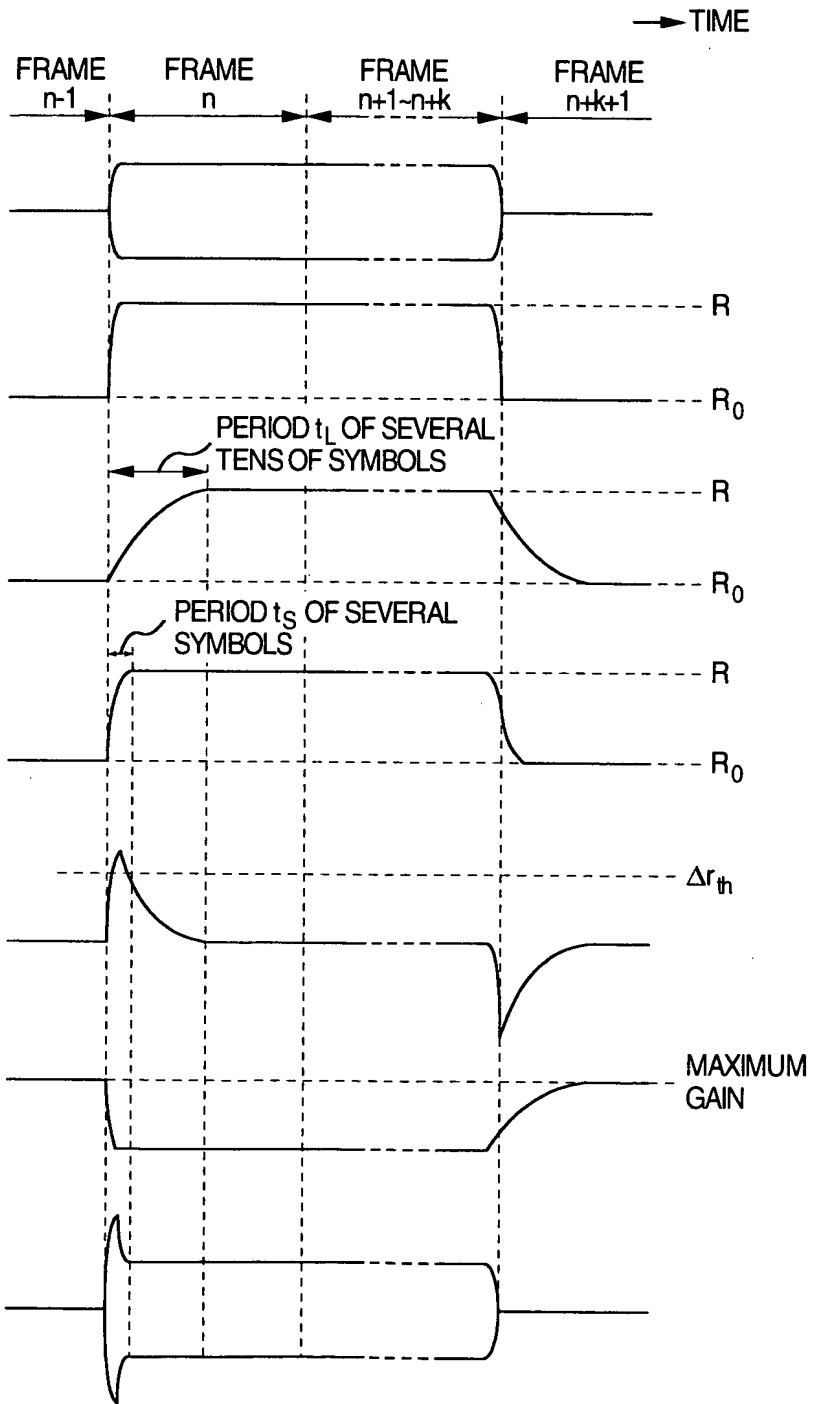


FIG. 12A

RECEIVED SIGNAL

FIG. 12B

RSSI SIGNAL  $r$

FIG. 12C

LONG INTERVAL  
AVERAGE  $r_L$  OF  $r$

FIG. 12D

SHORT INTERVAL  
AVERAGE  $r_S$  OF  $r$

FIG. 12E

$\Delta r = r - r_L$

FIG. 12H

CONTROLLED STATE

FIG. 12F

CONTROL SIGNAL  $g$

FIG. 12G

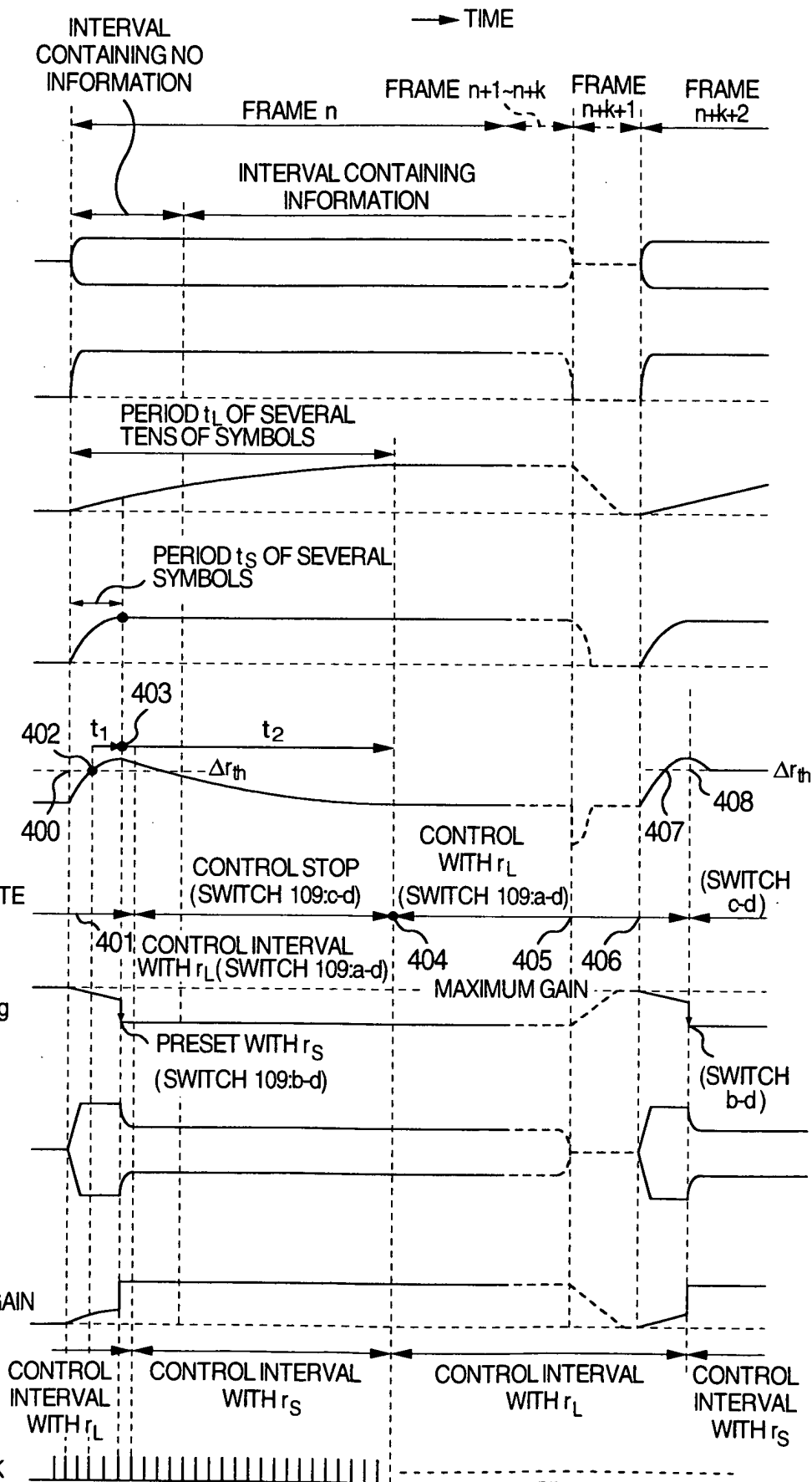
INPUT SIGNAL OF  
DEMODULATION  
CIRCUIT 112

FIG. 12I

INPUT SIGNAL TO GAIN  
CONTROL UNIT

FIG. 12J

OPERATION CLOCK



0906210 062201  
T02290" 01298860

FIG. 13

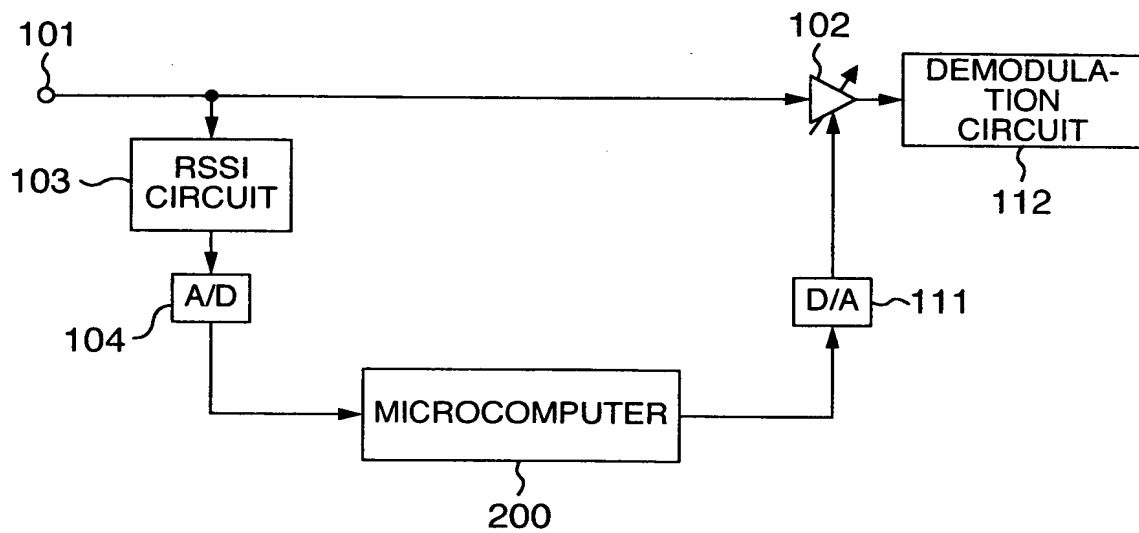
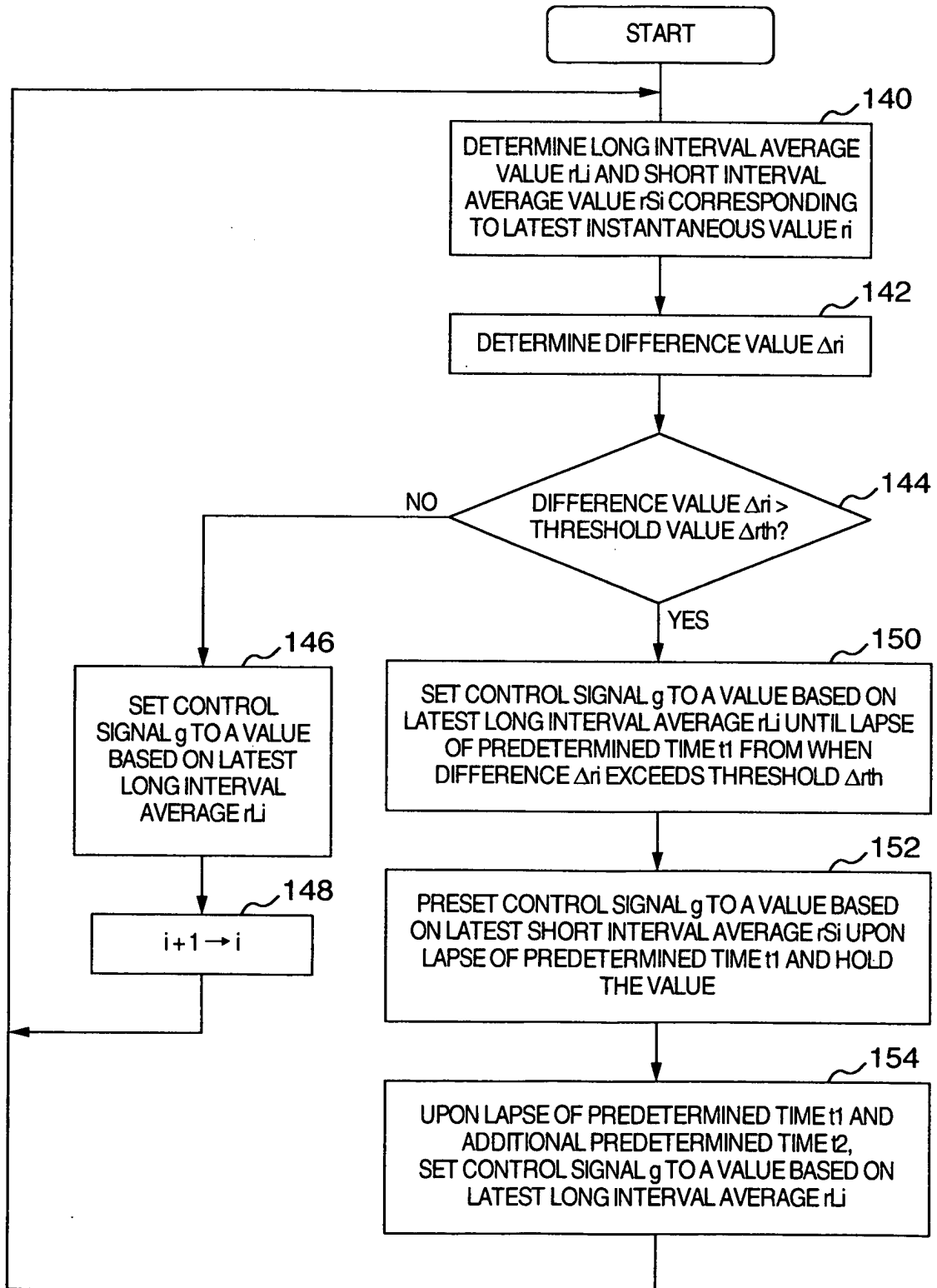


FIG. 14



0906210-062201